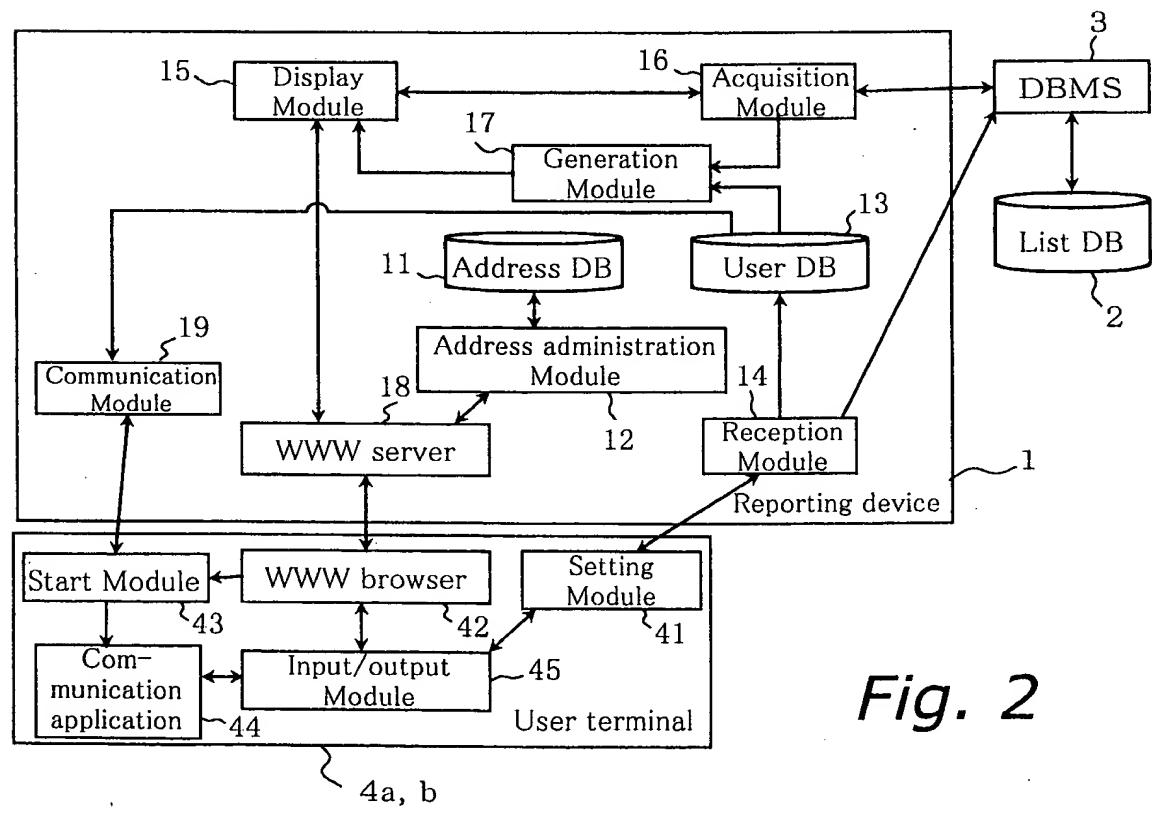
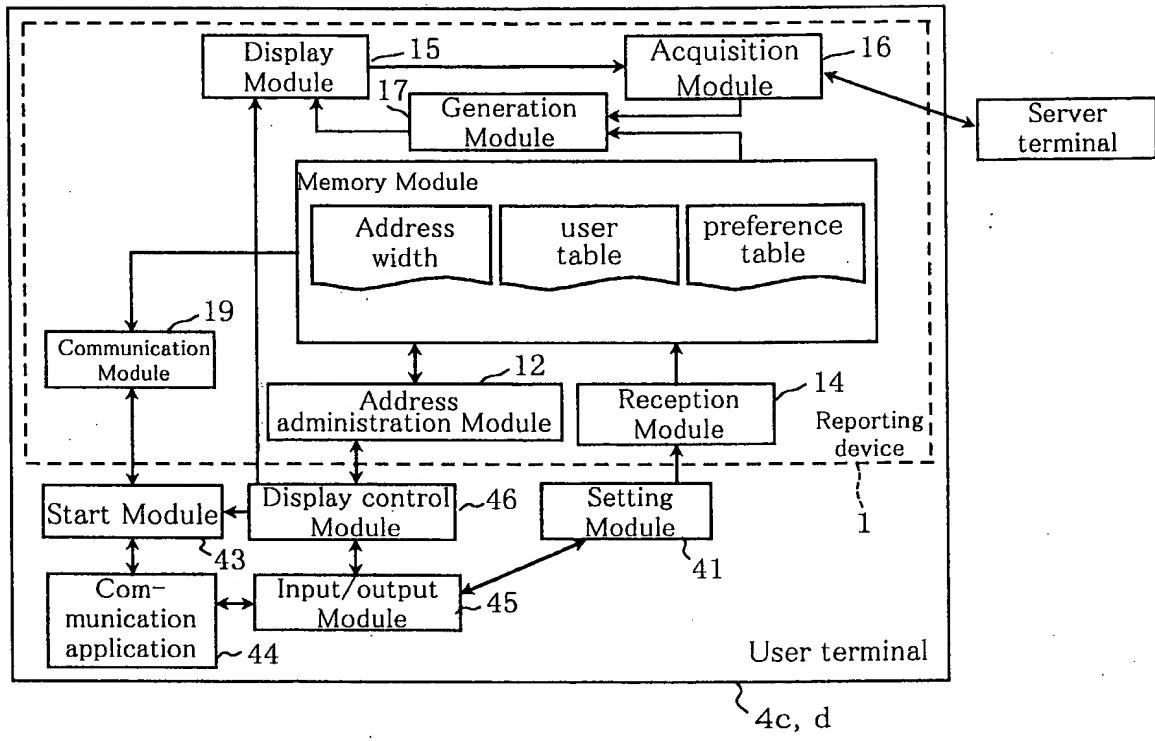


*Fig. 1*



*Fig. 2*

4a, b



*Fig. 3*

*Fig. 4*

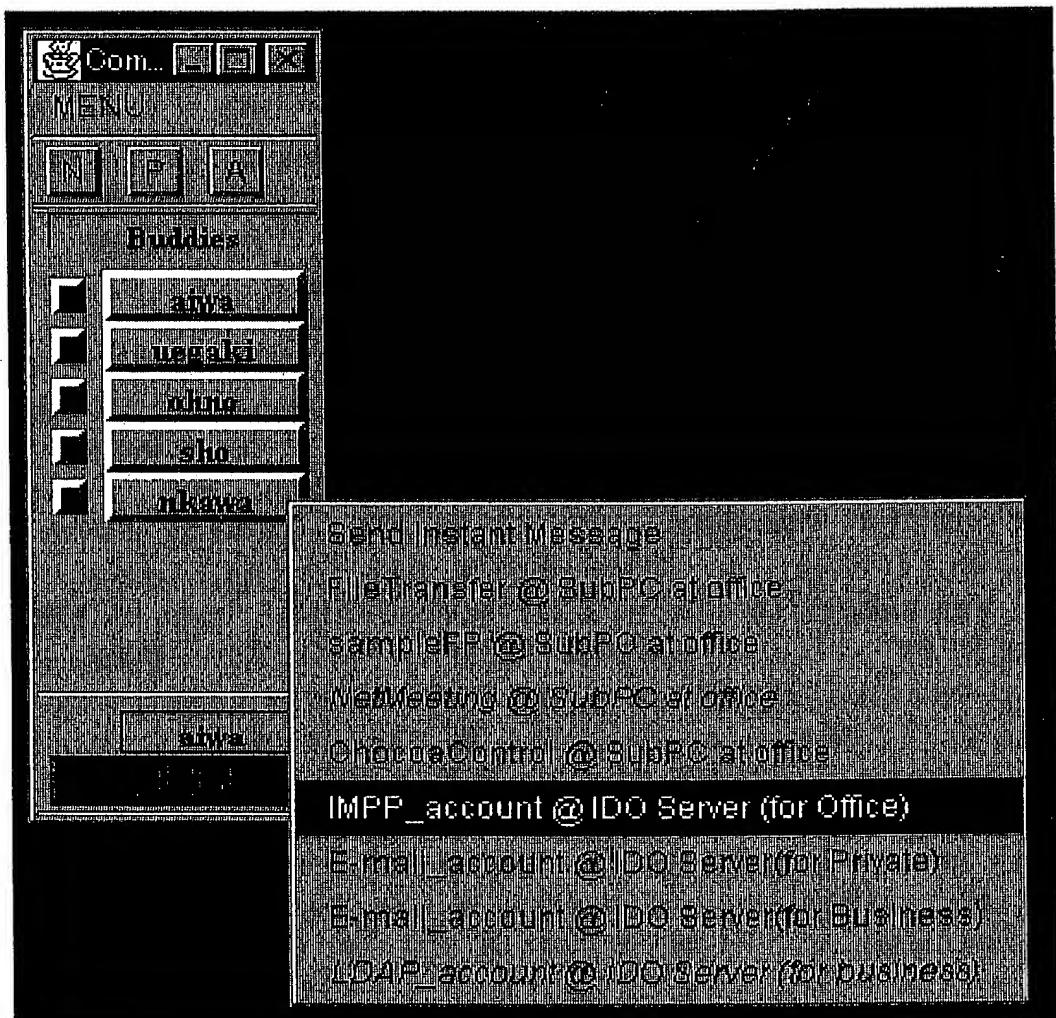
User ID	User Name	User Status	Communication Means	Useable	Attribute Information	Comm. Parameters
0001	Taro Suzuki	online	Email	Yes	for Office	*****
			Chat	Yes	at Office	*****
			Instant message	Yes	at Office	*****
			Telephone	Yes	for Office	***
			Videoconference	No	at Office	*****
0002	Hanako Yamada	busy	Email	Yes		*****
			Chat	No		*****
			Instant message	Yes		*****
			Telephone	Yes		***
			:	:	:	:

User ID	User Name	Communication Means	User Status	Priority
0001	Taro Suzuki	Mail	Online	2
			Other	1
		Chat	Busy	3
			Other	2
		Instant message	Online	1
			Other	3
		Telephone	Away	3
			Office	1
			Other	2
		Videoconference	All	3
0002 ⋮	Hanako Yamada ⋮	Mail ⋮	Online ⋮	1 ⋮

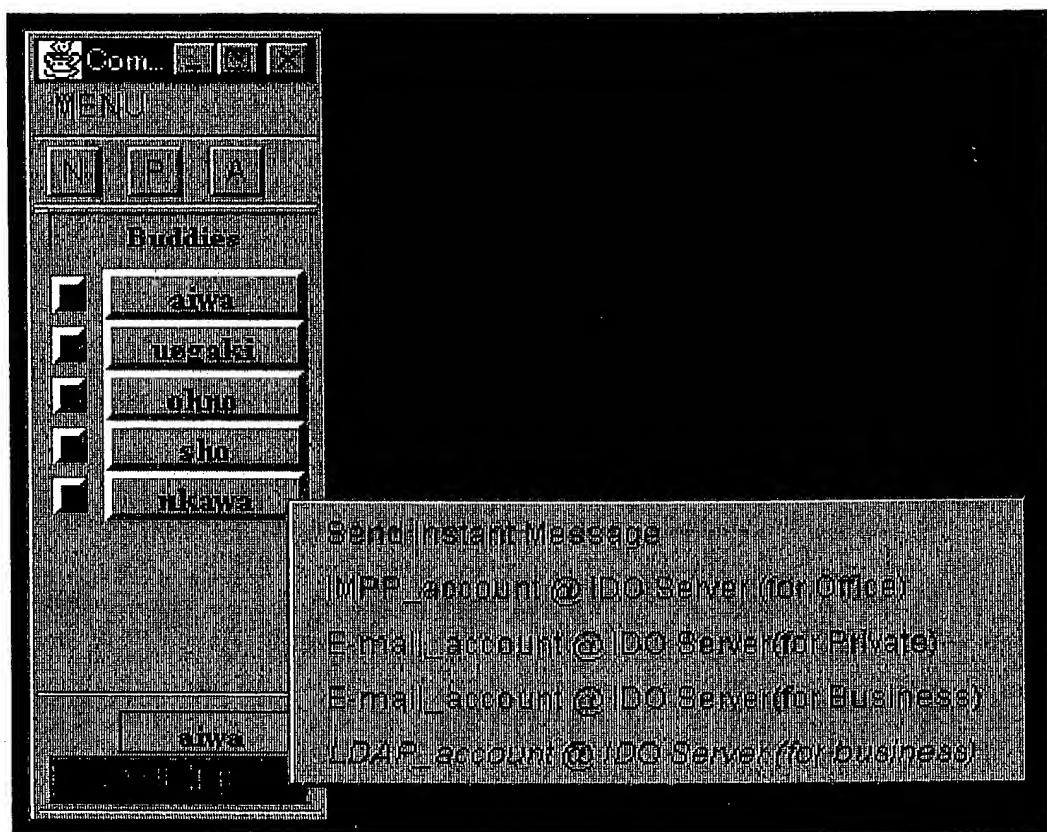
*Fig. 5*

User ID	User Name	User Status	Communication Means	Useable	Priority	Attribute Information
0001	Taro Suzuki	Online	Email	Yes	2	for Office
			Chat	Yes	2	at Office
			Instant message	Yes	1	at Office
			Telephone	Yes	2	for Office
			Videoconference	No	3	at Office
0002	Hanako Yamada	Busy	Email Chat Instant message Telephone	Yes No Yes Yes	1 3 2 2	

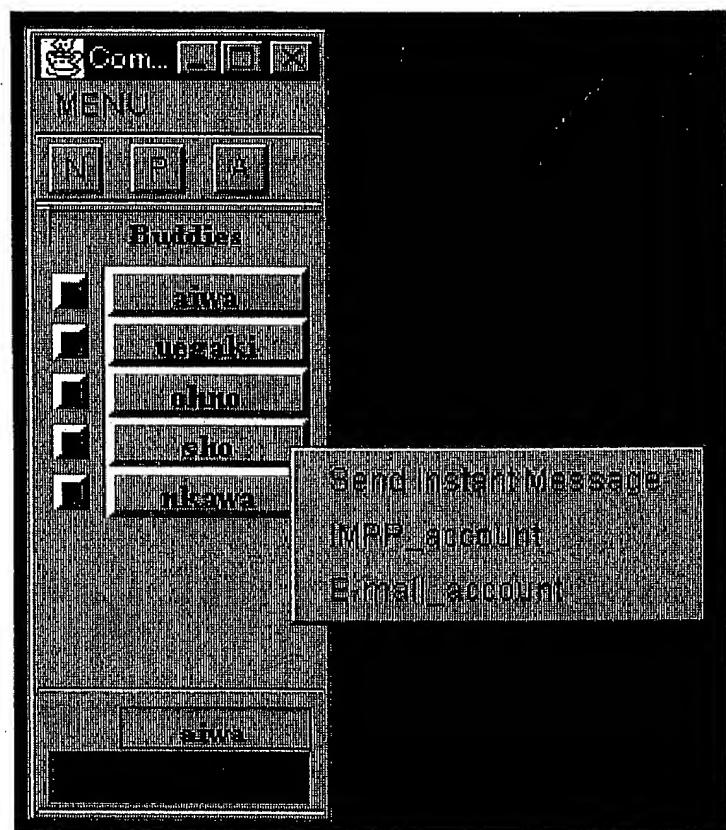
*Fig. 6*



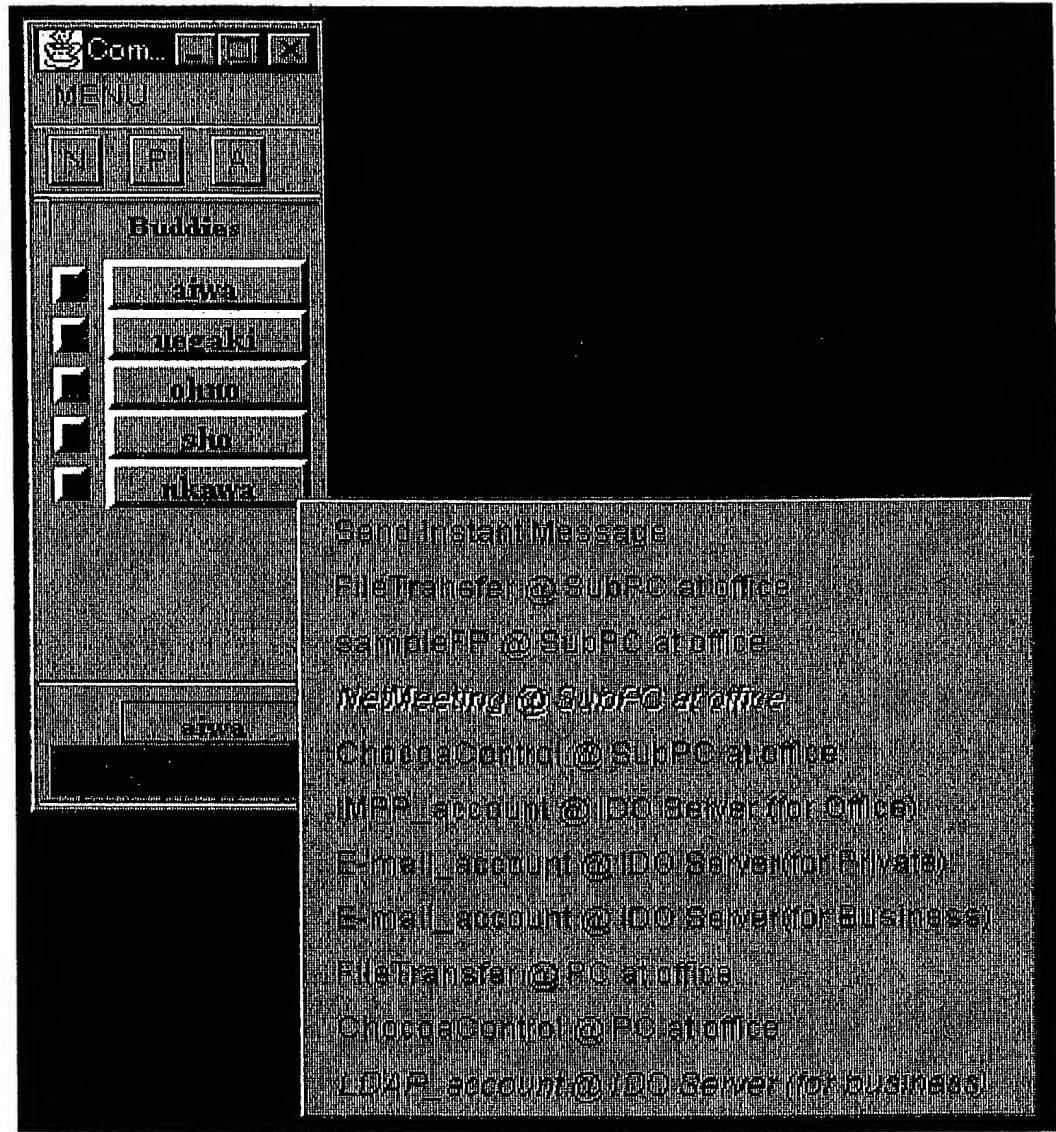
*Fig. 7*



*Fig. 8*



*Fig. 9*



*Fig. 10*

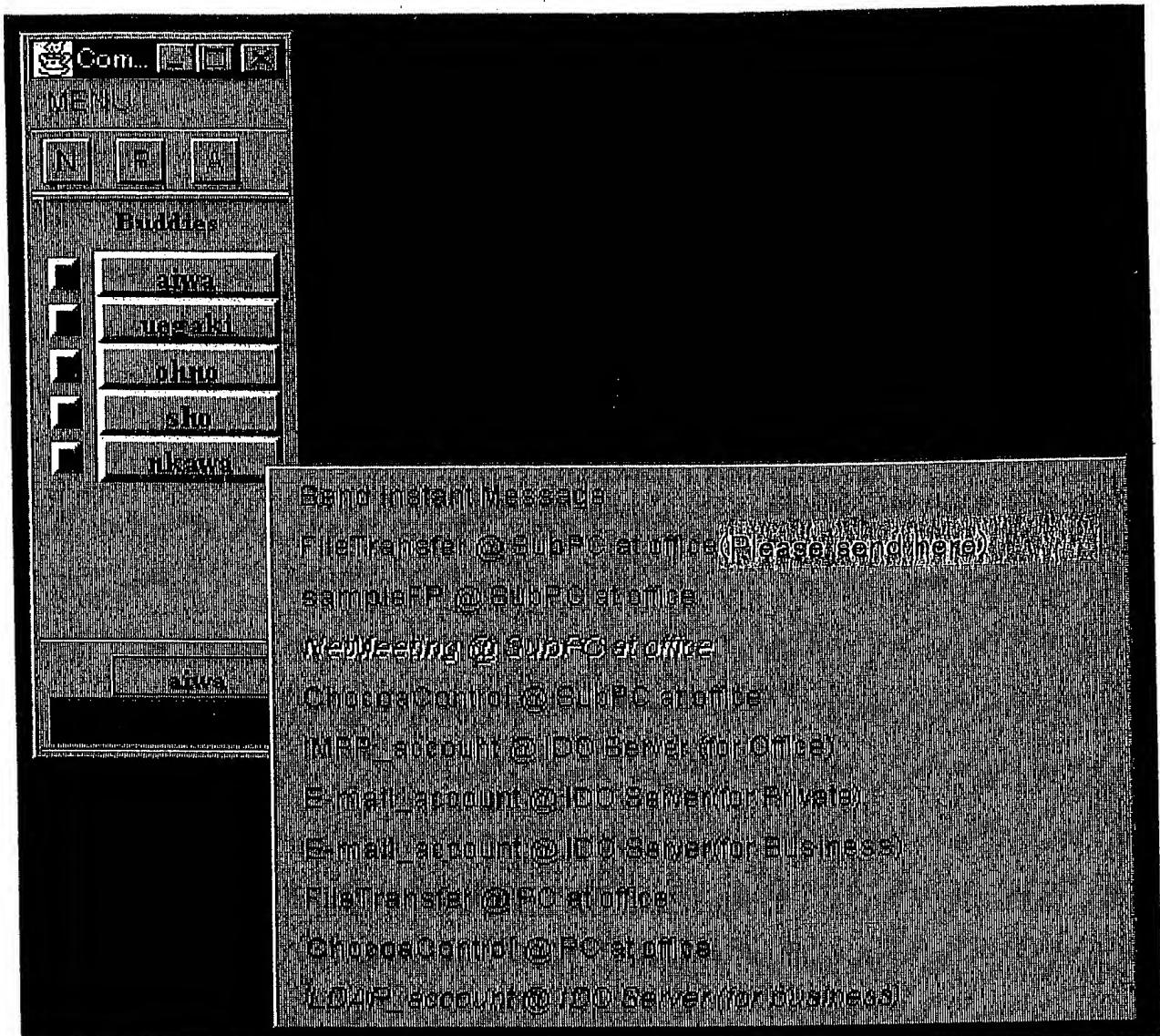
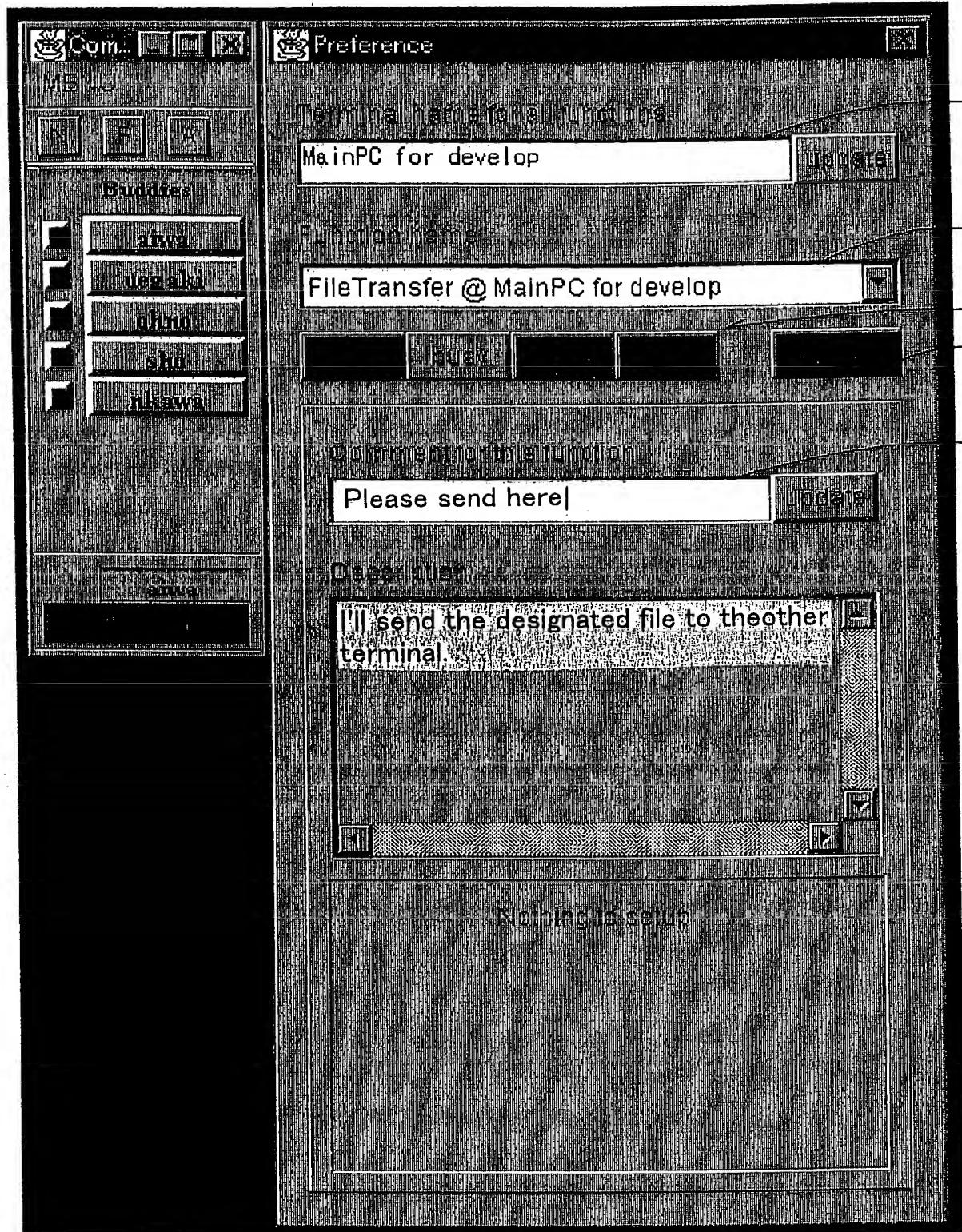
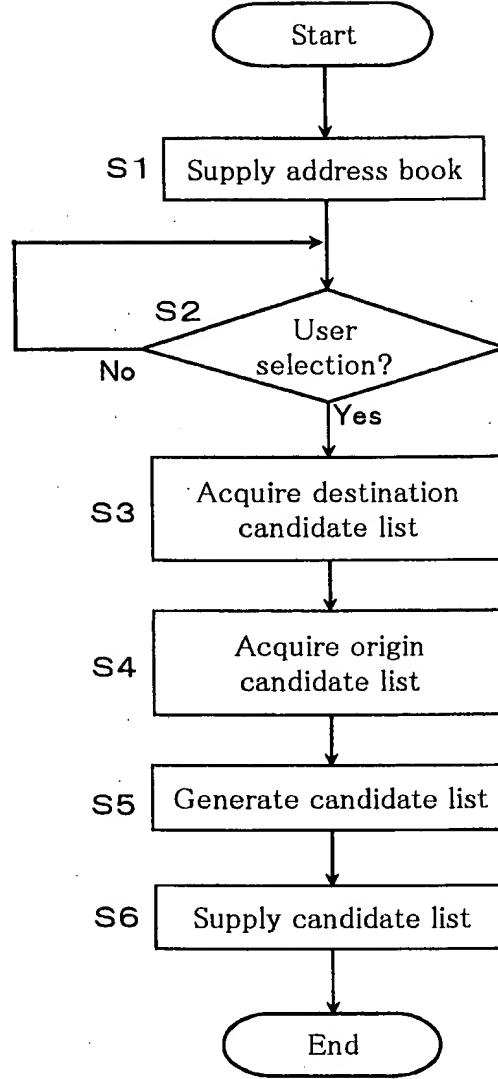


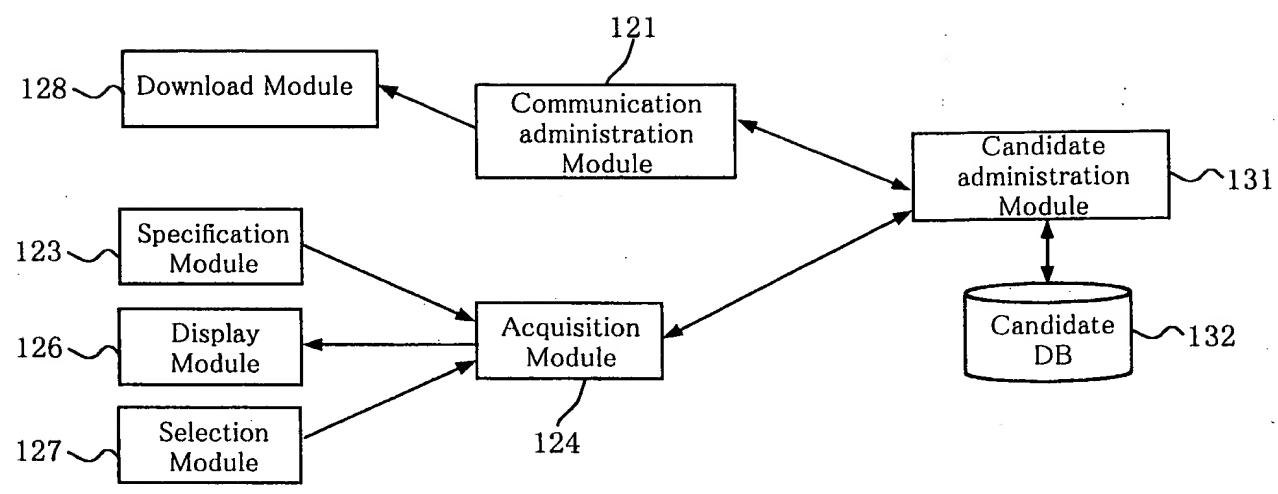
Fig. 11



*Fig. 12*

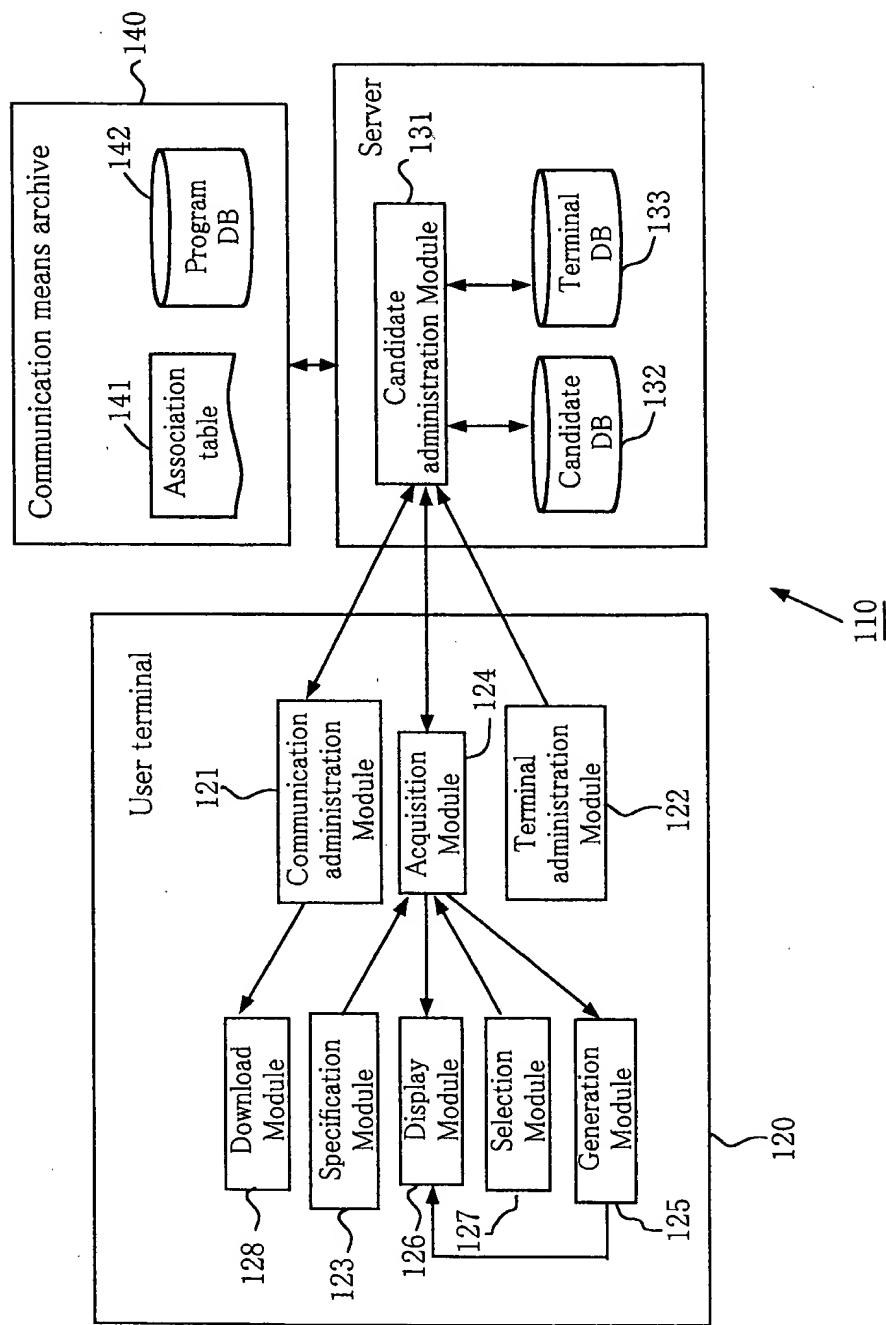


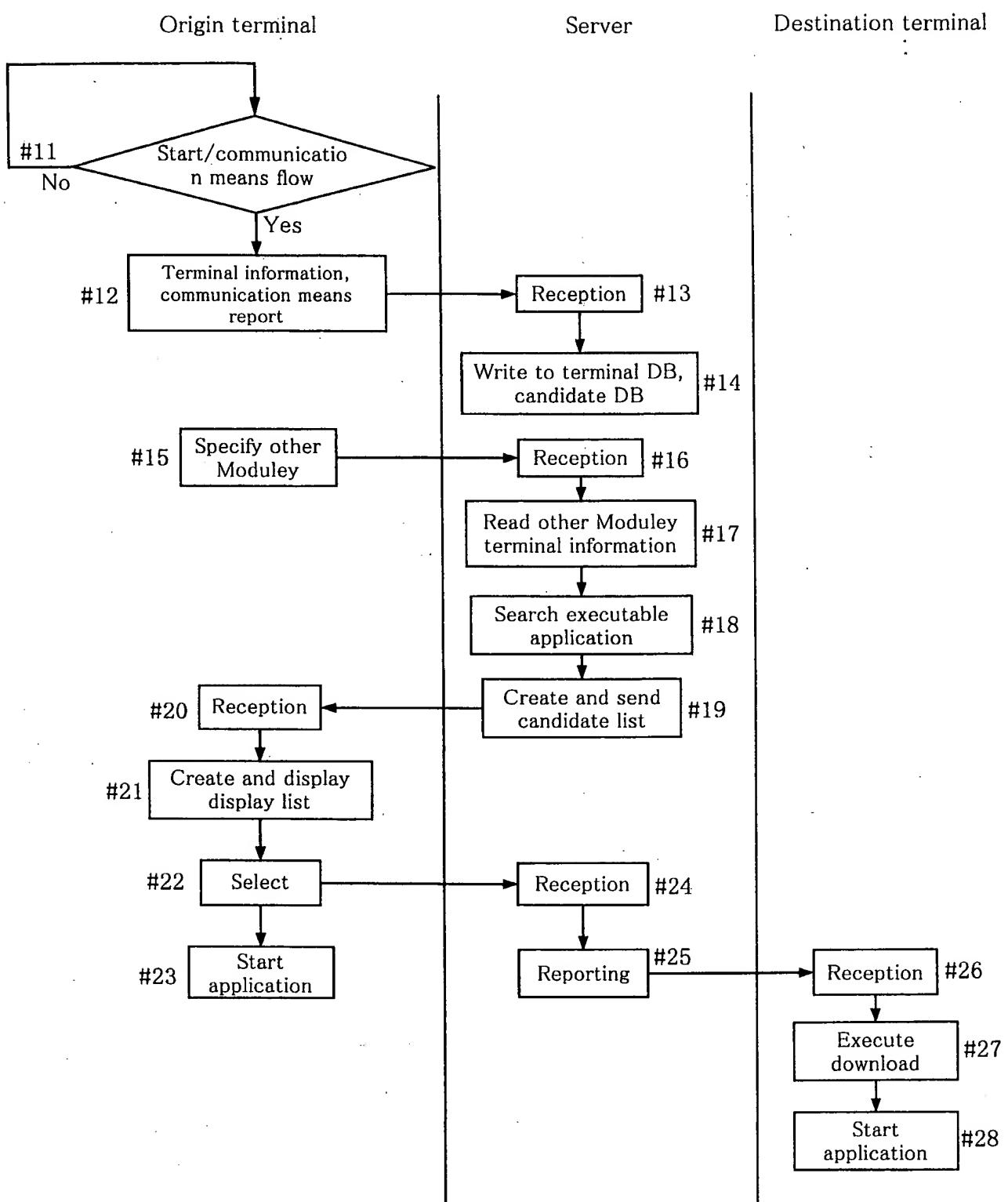
*Fig. 13*



*Fig. 14*

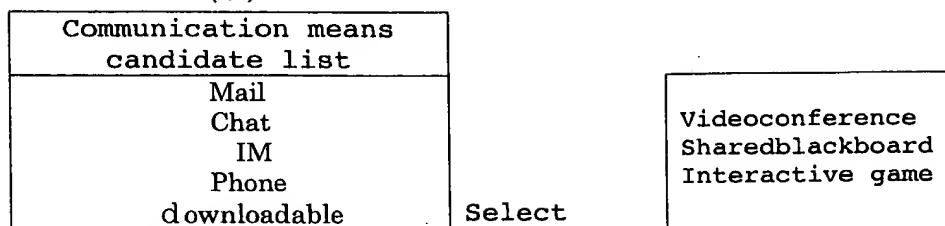
*Fig. 15*



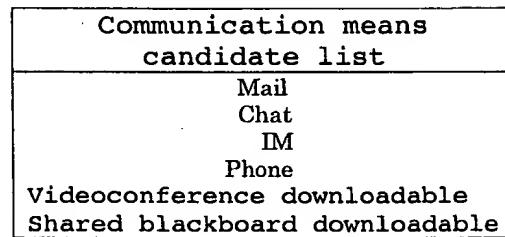


*Fig. 16*

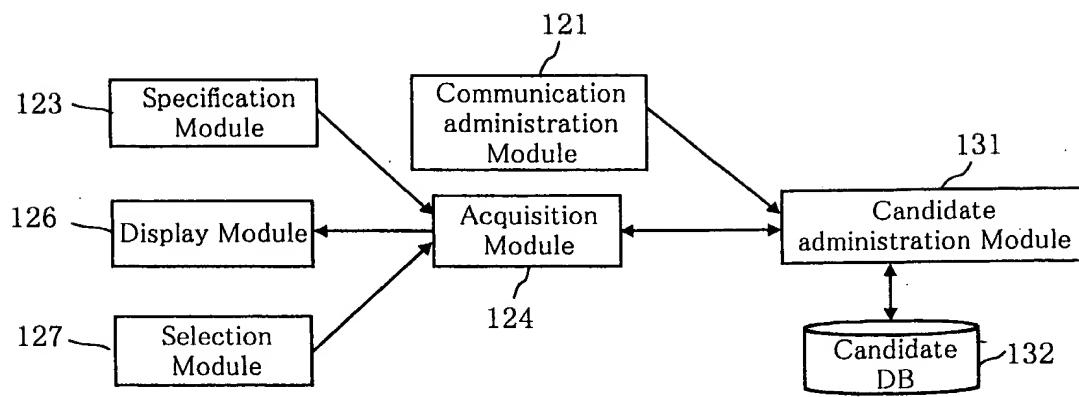
(a)



(b)

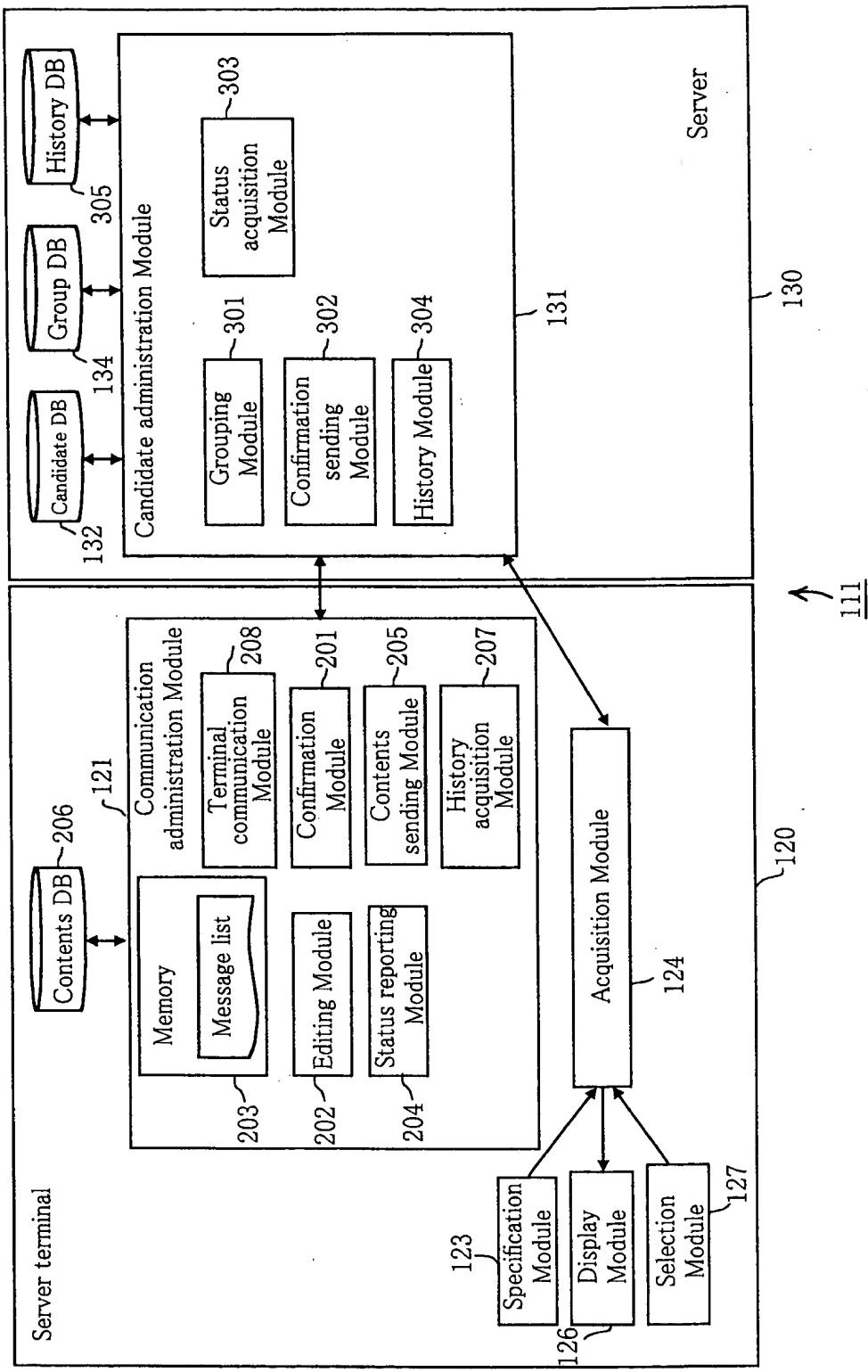


*Fig. 17*



*Fig. 18*

*Fig. 19*



*Fig. 20*

Candidate DB					
User Name	Comm. Means Name	Can or Can't Use	Comm. Status	Update Time	Message
User A	IM @ Office	Can't	Standby	14:43:50	I'm here
	IM @ Lab	Can	Communicating	15:23:30	
	E-Mail	Can	Standby	00:00:00	
	NetMeeting @ Lab	Can	Standby	08:50:00	
	FileTransfer @ Office	Can't	Standby	11:53:40	
	Telephone @ Office	Can't	Standby	14:33:10	Busy
	Telephone @ Lab	Can	Requested	10:13:20	
	Voicemail	Can	Standby	00:00:00	

**FIG. 21**

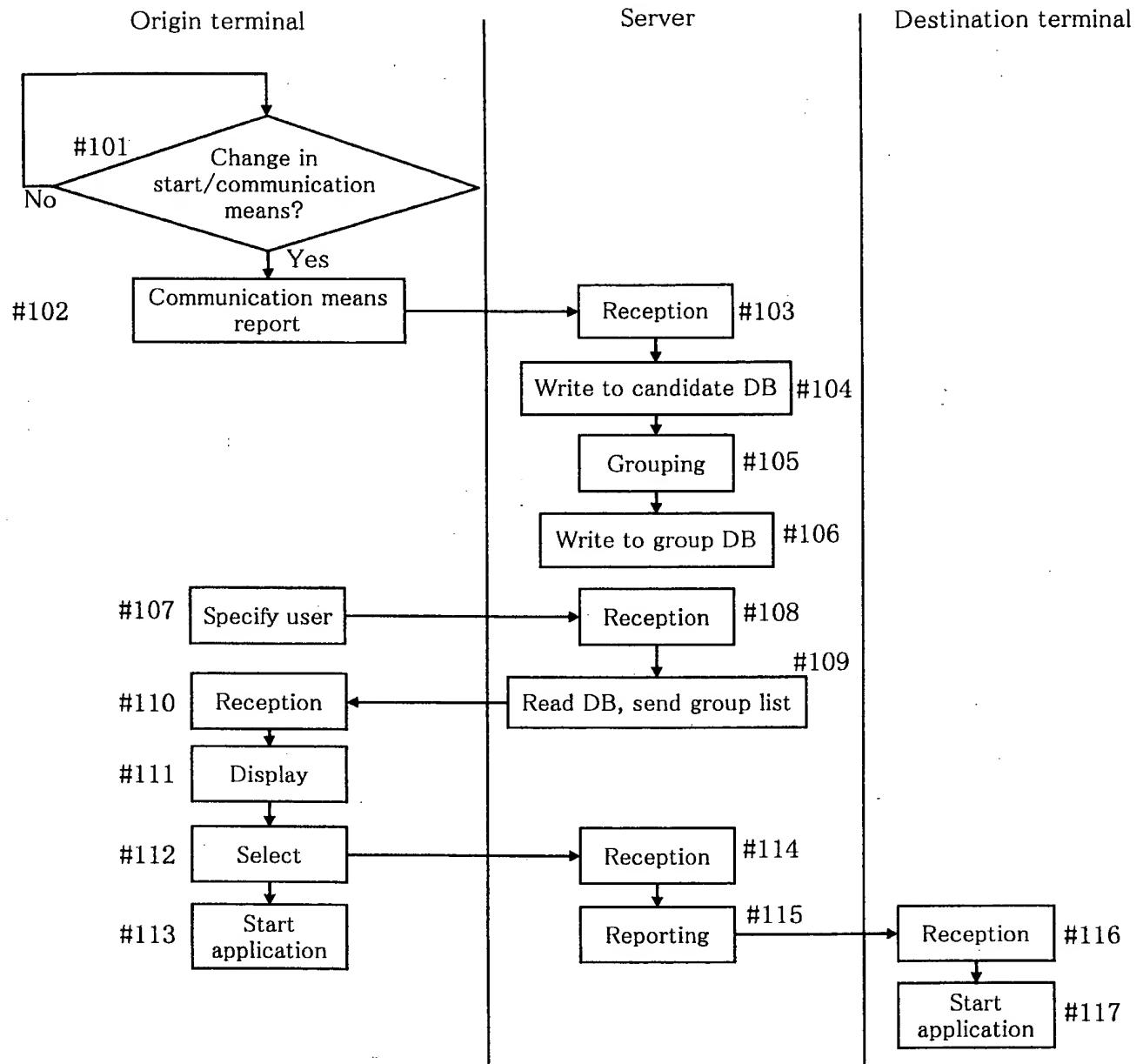
Group DB				
User Name	Name	Link	Priority	Preference Information
User A	Messaging	IM @ Office	1	nkawa: IM @ Office or IM @ Office [sic]
		IM @ Lab	2	kohda: Email
	E-Mail		3	ohno: IM @ Office or IM @ Lab
NetMeeting	NetMeeting @ Lab		1	
NetMeeting	FileTransfer @ Office		1	
Telephone	Telephone @ Office		1	nkawa: Telephone @ Office or Telephone @ Office [sic]
	Telephone @ Lab		2	kohda: Telephone @ Office or Telephone @ Office [sic]
	Voicemail		3	ohno: Telephone @ Office or Telephone @ Office

Communication means	Message
IM @Lab	I'm here.
Telephone @ Lab	Busy
⋮	⋮

*Fig. 22*

Communication means	Communication contents	Start time	End time	Originator
IM @ Office	We decided the payment date will be 4/28.	2000/04/22/15/58	2000/04/22/15/58	User B

*Fig. 23*



*Fig. 24*

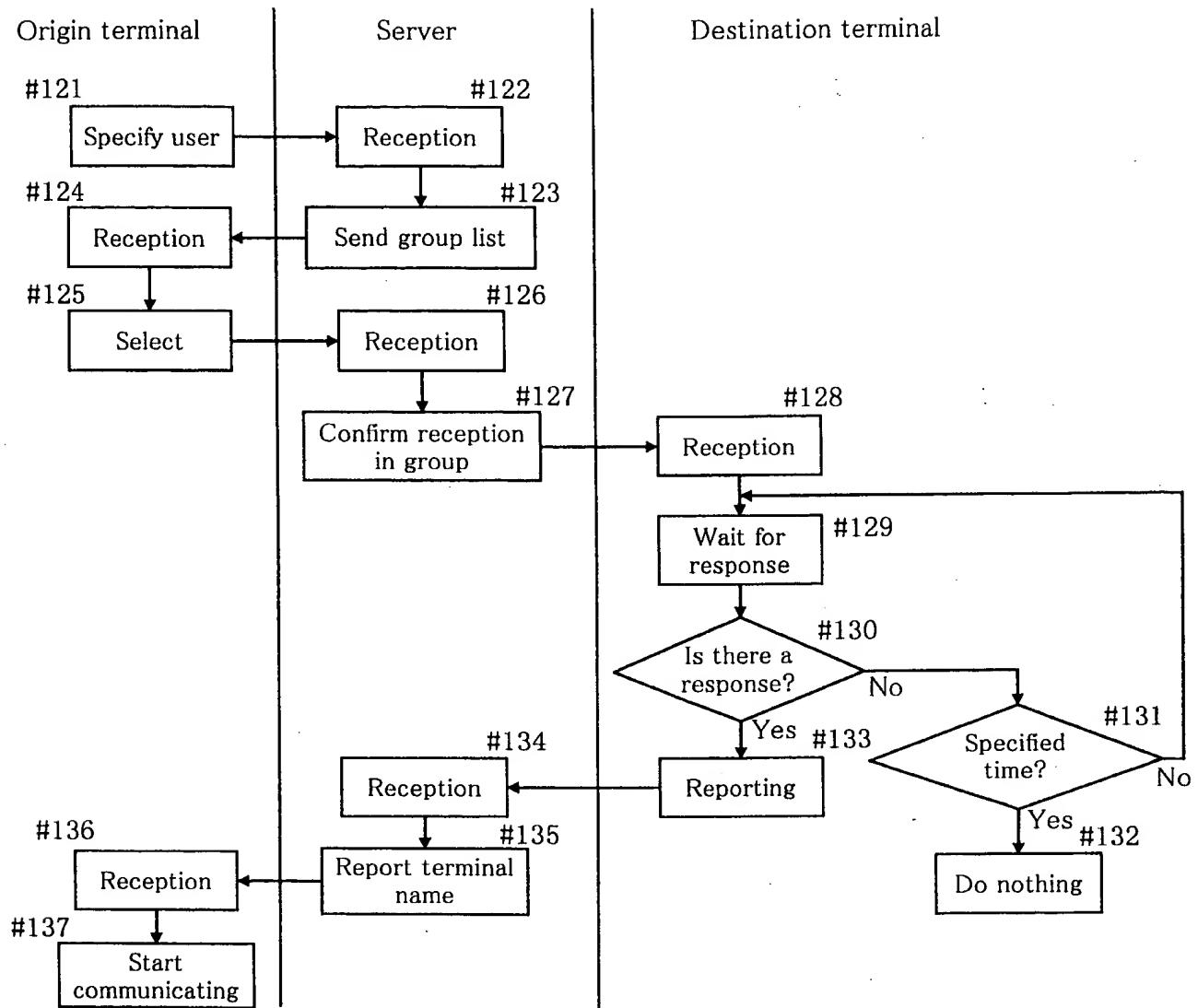
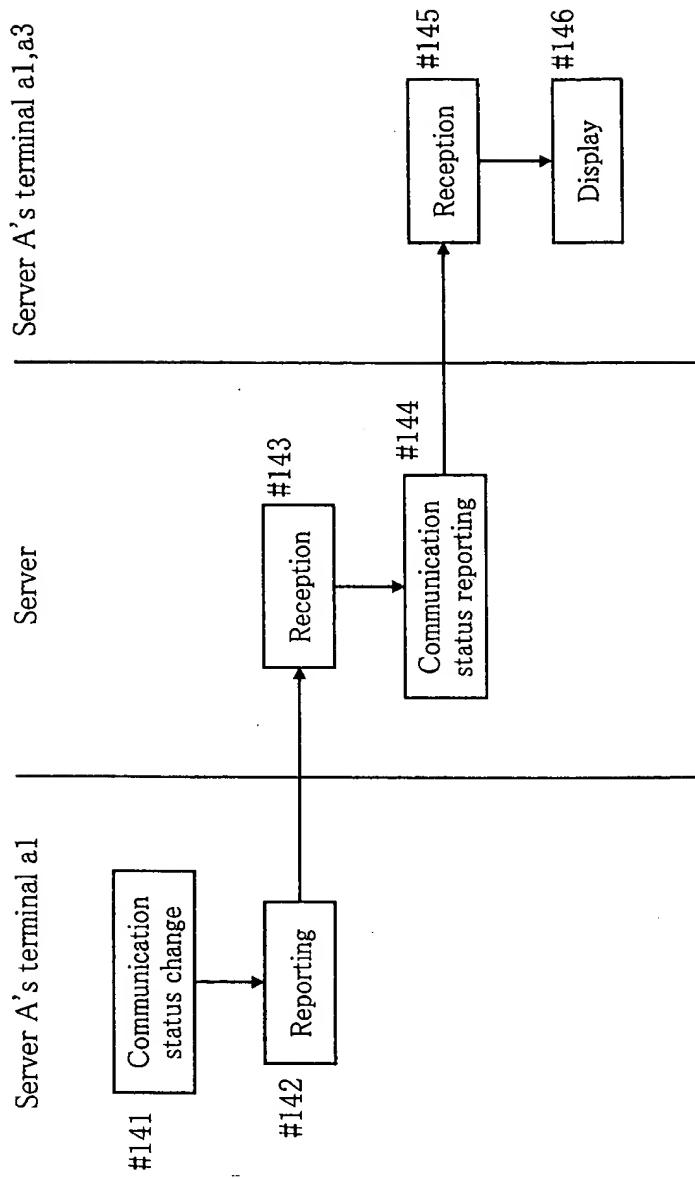
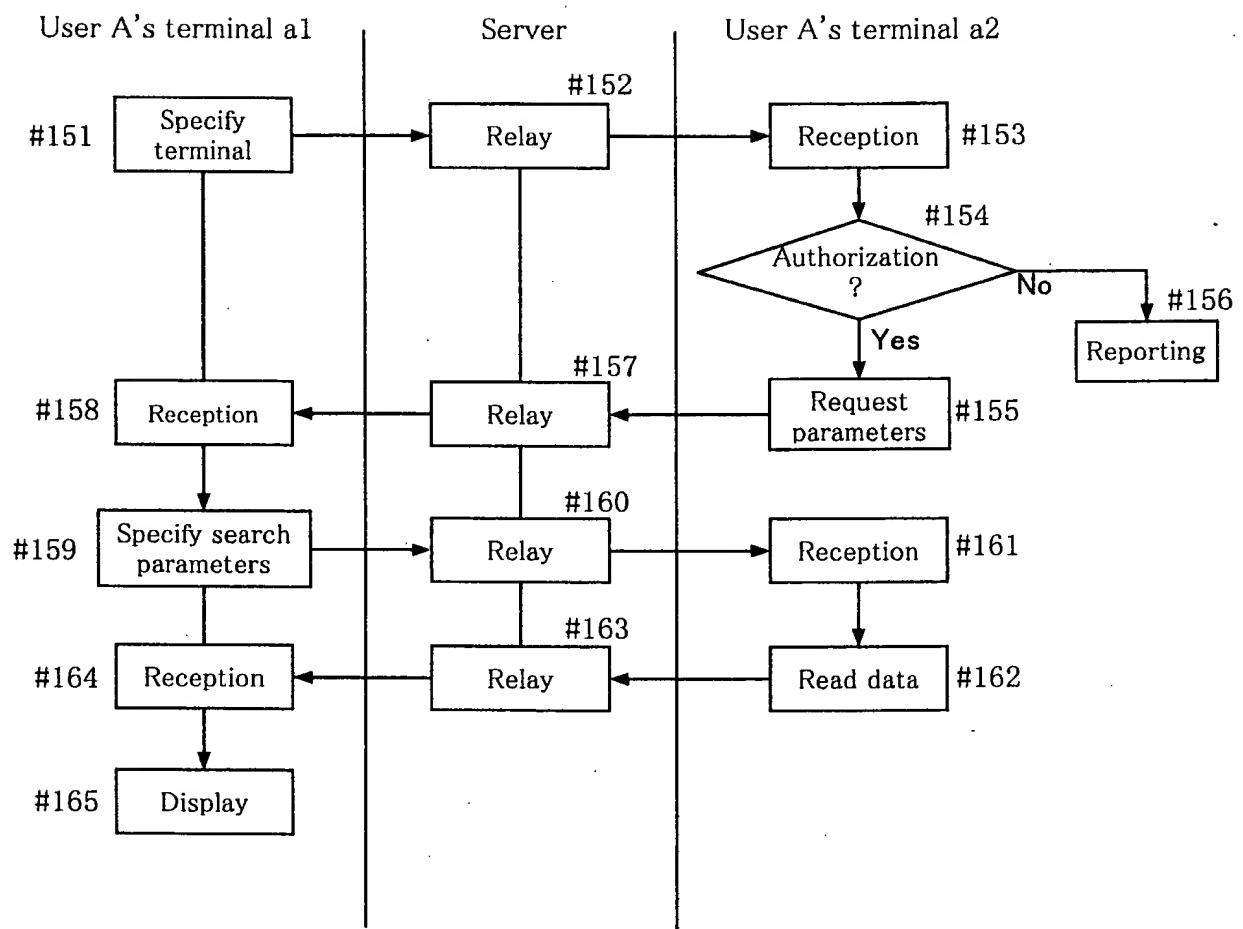


Fig. 25

*Fig. 26*





*Fig. 27*

*Fig. 28*

